

## ABSTRACT OF THE DISCLOSURE

While transmitting real-time data through a network 30, a data-transmitting apparatus 10 receives the data representing a data-loss rate, from a data-receiving apparatus 20. In the data-transmitting apparatus 10, the rate control section 15 compares the data-loss rate with the preset first and second threshold values. When the data-loss rate is lower than both the first threshold value and the second threshold value, the rate control section increases the transfer rate at which the data-transmitting means transmits the real-time data. When the data-loss rate is higher than the first threshold value and lower than the second threshold value, the rate control section does not change the transfer rate. When the data-loss rate is higher than both the first threshold value and the second threshold value, the rate control section decreases the transfer rate.